

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV GL SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

That the "B" Class divisions, fire integrity

with type designation(s)

120 - CP30 - class B15 ceiling panels with built in components / A-30 deck

Issued to

Jansen Systembau GmbH & Co. KG
Papenburg/Aschendorf, Germany

is found to comply with the requirements in the following Regulations/Standards:

Regulation **(EU) 2017/306,**

item No. MED/3.11b. SOLAS 74 as amended, Regulation II-2.3.4 & II-2/9 and IMO 2010 FTP Code

Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2022-04-04**.

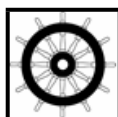
Issued at **Hamburg** on **2017-04-05**

DNV GL local station:

Leer

Approval Engineer:

Hiltraud Möhlmann



Notified Body
No.: **0098**

for **DNV GL SE**

Sven Dudsus
Head of Notified Body

A U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F), as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment", signed February 27th, 2004.

The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL SE of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.

Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.



Product description

"Class B-15 ceiling", consisting of 30 mm rock wool, type Rockwool Conrock 15 (density 150 kg/m³) covered with 0.4 mm galvanised steel sheet on unexposed side and 0.6 mm galvanised steel sheet on exposed side, panels connected to each other with rabbet-bar connection; according to drawing no: BE900 36 000, -001, - 002 and 003 attachments 1,2,3 and 4 of test report 20621892, with following optional fittings:

- inspection hatch, clear opening 535 mm x 535 mm, according to attachments 6, 7 and 8 of test report 20621892
- suspension for ceiling panels, U-Profile, according to attachment 4 of test report 20621892.
- flat channel with blind frame, screwed, clear opening 200 mm x 370 mm, according to attachment 5 of test report 20621892.

Application/Limitation

Approved for use as a horizontal fire retarding division of class B-15 ceiling. Approved for use as a horizontal fire retarding division of a class A-30 steel deck in combination with a class B-15 ceiling, when ceiling is positioned with a min. distance of 200 mm below deck.

The insulation materials and adhesives used have to be approved according to the Marine Equipment Directive and bear the Mark of Conformity. This requirement may also be applicable for surface materials used, if required by relevant rules and regulations.

Maximum panel size: 3010 x 600 x 30 mm (length x width x thickness)

Each product is to be supplied with its manual for installation, use and maintenance.

Type Examination documentation

Tests carried out

Tested according to IMO FTPC Part 3 and in compliance with IMO 2010 FTP Code Ch. 8.

Marking of product

The product is to be marked with name and address of manufacturer, type designation, fire-technical rating, Mark of Conformity and USCG number if applicable (see first page)